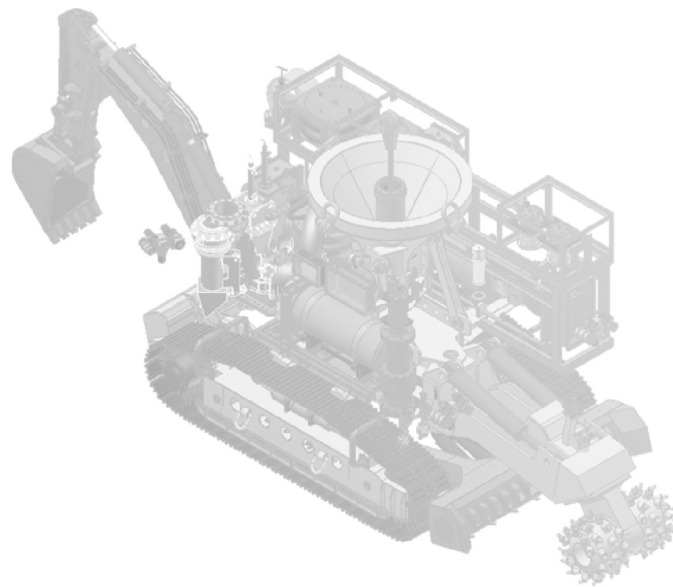


Joint conference of UNEXMIN & ¡VAMOS! Projects

# USE OF ROBOTICS AND AUTOMATION FOR MINERAL PROSPECTING AND EXTRACTION

First Circular

30 January 2018, Bled, Slovenia



## Scope and Objectives

The aim of this conference is to bring together experts in the field of robotics, minerals exploration and mining (including underwater mining) to discuss about latest advances in the field and rise synergies on innovation in mineral prospecting and extraction. Afternoon sessions will be dedicated to workshops, related to technology roadmapping and technology exploitation. Networking, experiences sharing and establishing new cooperation links is also within the scope of this 1-day event.

## Target Groups

- experts (geology, mining, robotics, machinery)
- minerals industry
- mining and construction machinery manufacturers
- robotics developers and manufacturers
- policy and decision makers in the field of mineral prospecting and extraction

## Agenda at a Glance

Day before the conference	Field trip to UNESCO heritage site Hg mine in Idrija (invited by Idrija Mercury Heritage Management Centre)	
Conference	Morning	Plenary sessions Parallel sessions (15' presentations with Q&A sessions)
	Afternoon	Workshops
	Evening	Networking dinner (invited by Geological Survey of Slovenia)

## Date and Venue

The conference will be held on 30 January 2018 in [Hotel Kompas](#), Bled. [Bled town](#) is situated in an alpine landscape of the NW [Slovenia](#) and is a popular tourist destination. The town is 35 km from Ljubljana International Airport and 55 km from the capital city, Ljubljana.

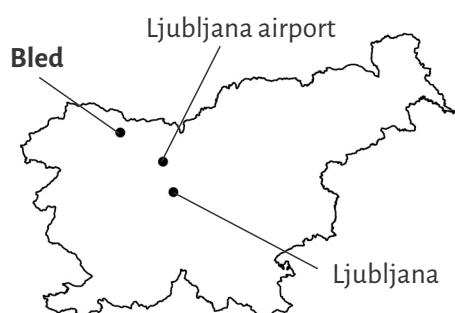



Photo: Tourism Bled

Organized by Geological Survey of Slovenia 

Co-organizers [UNEXMIN](#) & [¡VAMOS!](#) project partners

BMT Group Limited, United Kingdom 


Damen Dredging Equipment BV, The Netherlands 


Ecton Mine Educational Trust, United Kingdom 

Empresa de Desenvolvimento Mineiro, S.A., Portugal 

European Federation of Geologists, France 


Federalni zavod za geologiju Bosne i Hercegovine, Bosnia and Herzegovina 

Fondacija/Zaklada za obnovu i razvoj regije Vareš, Bosnia and Herzegovina 

Fugro EMU Limited, United Kingdom 

Geo-Montan Ltd, Hungary 

Geoplano, SA, Portugal 

Idrija Mercury Heritage Management Centre, Slovenia 

Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência, Portugal 

La Palma Research Centre for Future Studies, Spain 


Marine Minerals Limited, United Kingdom 

MINERALIA, Portugal 

Montanuniversität Leoben, Austria 


Resources Computing International Ltd (4dcoders), United Kingdom 


SANDVIK, Austria 

Soil Machine Dynamics Limited, United Kingdom 

Tampere University of Technology, Department of Mechanical Engineering and Industrial Systems, Finland 

Trelleborg Ede B.V., The Netherlands 

Universidad Politécnica de Madrid, Centre for Automation and Robotics, Spain 

University of Miskolc, Hungary 

Zentrum für Telematik e.V., Germany 

## Call for Papers

An open access scientific journal [Geologija](#) (indexed in Scopus, Directory of Open Access Journal, GeoRef, Chemical Abstracts, and others) invites all participants to submit manuscripts after the conference. All papers must be prepared according to journal instructions for authors and will undergo peer-review process. Publishing in this journal is free of charge.

## Important Dates

Second circular 30 October 2017

Registration deadline 8 January 2018

Final conference program 20 January 2018

Field trip to Idrija 29 January 2018

Conference 30 January 2018

## Contact Information

Local organisers:

Gorazd Žibret (general info), [gorazd.zibret\[at\]geo-zs.si](mailto:gorazd.zibret[at]geo-zs.si)

Manja Žebre (registration), [manja.zebre\[at\]geo-zs.si](mailto:manja.zebre[at]geo-zs.si)

UNEXMIN project coordinator:

Norbert Zajzon, [nzajzon\[at\]uni-miskolc.hu](mailto:nzajzon[at]uni-miskolc.hu)

iVAMOS! project coordinator and technical management:

Jenny Rainbird, [jenny.rainbird\[at\]bmtglobal.com](mailto:jenny.rainbird[at]bmtglobal.com)

Stef Kapusniak, [stef.kapusniak\[at\]smd.co.uk](mailto:stef.kapusniak[at]smd.co.uk)



## Registration

Please register via email ([manja.zebre\[at\]geo-zs.si](mailto:manja.zebre[at]geo-zs.si)) by **8 January 2018**.

Required registration data:

- Name and surname,
- Institution,
- Title of the presentation (optional),
- Up to 600-word (one page) abstract with one image (optional),
- Attendance to networking dinner,
- Possible special dietary requirements,
- Attendance to pre-conference field trip to Idrija.

Registration is free-of-charge. Individual invitations letters can be prepared if needed.

## Accommodation

Accommodation is to be directly booked individually. [Hotel Kompas](#), the conference venue, offer a discount price (single € 75, double € 88) for conference participants. Special price is valid until 30 November 2017.

Booking can be made by sending special [reservation form](#) directly to the hotel staff. Free booking cancellation is possible up to 2 days prior to arrival.

If Hotel Kompas is not your preferred choice, feel free to choose your accommodation in plenty of other hotels or apartments, since everything is within walking distance from the conference venue.

## Travel Information

**Travelling by plane:**

[Ljubljana "Jože Pučnik" Airport](#) is the nearest airport, having regular flights from major European airports (London, Frankfurt, Paris, Zürich, Vienna, Brussels etc.), as with some other non-EU airports (Istanbul, Moscow). [Venice International Airport](#) has good connections with the South-East Asia and the United states. [Venice-Treviso](#) generally hosts low-budget flights.

**Airport Transfer:**

There are a couple of ways of transportation from the Ljubljana Airport to Bled: [bus](#) (via Kranj), [ZUP shuttle](#) (recommended, booking is required), [Markun shuttle](#) (booking is required), [taxi](#) or [rent-a-car](#). You can also hire airport transfer when you book your accommodation. You can use the [GoOpti shuttle transfer](#) (booking is required) from other nearby airports, especially from Venice and Venice-Treviso Airports.

**Travelling by train:**

You can book your tickets from [Deutsche Bahn](#) web page to Bled-Jezero train station (less frequent, but closer), or Lesce-Bled station (approx. 1.5 km away; do not forget to inform us to arrange pick-up for you in the case you arrive to this station).

## Miscellaneous Information

Slovenia is a member of EU, and is a member of the Schengen area. Currency is euro (€). Electricity is 220 V. Tap water is drinkable.



## RESERVATION FORM

### GEOLOGICAL SURVEY OF SLOVENIA

Use of robotics and automation for mineral prospecting and extraction

Joint conference of UNEXMIN & VAMOS! projects

Hotel KOMPAS, Bled, Slovenia

January 30<sup>th</sup> – February 1<sup>st</sup>, 2018

Last name:	Arrival date:    Departure date:
Name:	
Address:	
City:	
Country:	
E-mail:	
Phone:	

#### Room rate per day:

<input type="checkbox"/> 75 EUR Single room	<b>Supplement:</b> 1.27 EUR tourist tax per person per night
<input type="checkbox"/> 88 EUR Double room – 2 persons (queen bed)	1 EUR registration fee per person per stay
<input type="checkbox"/> 88 EUR Twin room – 2 persons (2x single beds)	

☐ Transfer *Airport – Hotel Kompas* (Optional, 48 EUR for max 2 pax, 70 EUR for max 8 pax)

#### Credit card type: (AMEX, VISA, EC/MC, Diners):

Holder name:	Expiry date:
Number:	CVV:

Please return completed form until November 30<sup>th</sup> 2017 via below fax or e-mail address.

#### HOTEL KOMPAS

##### Reservations

Tel: +386 4 6205 118

Fax: +386 4 5782 499

e-mail: [reservations@kompas-lovec.com](mailto:reservations@kompas-lovec.com)

[www.kompas-lovec.eu](http://www.kompas-lovec.eu)

#### Included:

- Bed & Breakfast
- Free Wi-Fi
- Use of fitness
- Wellness amenities (except sauna)
- VAT